

Application Note:

Guide for Converting Ethernet Applications from 2572 / 2572-A / 2572-B to 2500P-ECC1

ckfft dffckfft dckffbck dckc c c ck ffbfffb b ffb
 c c c d b fft dckffb
 ck ck ffbck dckfft ck ck fft dck ffb fft c cfft
 c ffbck dckfft ck ck fft dck ffb
 h fft d d b c ffb c ck ck
 c dckffb ffb ffbckfft dck ck ffb c h c ffbck dckffb
 ck b c c ffbck ffb d ffbck
 fft ffb d ffb ck ffb d ffbck d b
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c d b b fft dckffbck ck ffbck ck fft c ffb
 d b b fft dckffb ffbck d ffb ck ffbck ffbck c
 c ffb dckc h c dck ckckckffb ck ck c
 ck ffbck ck d b b fft dckffb ckckckffb d b ffb
 ck ffbck b ck fft b c b i ffb b ck c ck
 d b b fft dckffbck dck ck ck b c

b ck fft d b b fft ffb ffb ck ffbck
 h ffb c c ffb cffb c dck ck
 c b ck fft ffbck cffb c b ffbck ckckck ffb
 ck cffb c b ckfft ck b c b i c
 b dck ffb ck ffbck dck ck ck ffbckffb
 cffb ffbffb d b c c dck fft b ffb
 ck c ffbck ck b b ckfft ck ffb c b ffbck ckffb h
 ffbffb ck ckfft b ck fft ffb c d b b fft dck fft c
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c fftffbck d b ffb ck ffbck ffb h d b
 b c c dck b ck fft ffbck ck ffb ffbffbffb
 dck fft ffb ffbck ck ffbck ckckckffb ffb h ck d b
 ffbckffb ck hckffb ck ffbffb d b ck ffb dckffb d
 fft b c c ck ck c ffb ck c b cffbck c ffb

c ckckckffbffb ffb ck ffbck c ffbck ck ffb c ck dck ck ffb
 c h ffb ck ffbck fft ck c c ffbffbffb
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 b c h ck h c ffbffb c ffbck ck c ffbck
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- h
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ffb dffft cfc fft cfc ck b cfft c ffb ckck ckffbck fffb
 c ffbc ck ck cfc fft cfc fffb ck b ck
 b b ck ck cfc fft ck d b ck fft h ffb
 b c c fft c ffbh cffb c cfb
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ck clb ffb ffbk ck fft ffb

Feature	2500P-ECC1	2572 Ethernet Module	2572-A/B Ethernet Module
100Mbit ethernet	yes	no	yes
TCP communications	yes	yes	yes
UDP communications	yes	yes	yes
DHCP for IP address assignment	no	no	yes (2572-A)
Modbus-TCP	yes	no	yes
Ethernet-IP (communicate to ControlLogix®)	no	no	yes
Send/Receive (communicate to S7®)	no	yes	no
Multicast	yes	no	yes
Datashare	no	yes	no
Peer-Peer communications	client/server	client/server	client/server
Communicates with CTI OPC/DDE servers	yes	yes	yes
Port configuration using PLC logic	no	yes	yes
Email	no	yes	no
Webserver for diagnostics	yes	no	yes
Number of TCP connections	see note 1 below	16	see note 2 below
Compatible with Siemens® CPUs	no	yes	yes

Note — P-ECC1 Maximum Ethernet Connections

- CAMP Server—16 TCP + UDP
- CAMP Client—16 (total of TCP and UDP)
- Modbus Server—16 TCP only
- Modbus Client/Master—64 (total of TCP and UDP)
- Network Data Exchange Publisher—20 TCP
- Network Data Exchange Subscriber—20 TCP

Note — A Maximum Ethernet Connections

CAMP Server—24 TCP + UDP
 CAMP Client—8 (total of TCP and UDP)
 Ethernet/IP Server—8 connections
 Modbus Server—8 connections

c dckh c ffb ckc ffb dlo ck ck
 ffb b ck c ckc ffbck dck ffb

d ckft ckc fbb ck d dckc h fffb ck
 c ffb dck b c c cckb ck b fft
 ckb c ck ffb ffb dck fft dck ffb fffb ck
 ck c ffbh fffbck c c dck ck dffb dck c
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d ckfffb ck fffb dck ck c ffb dck
 b c c cckb ck b fft ckb c ckft c ck
 dck fft ck fffb ffbh dck c b ck fffb ffbck
 b b ck fffb fft ffb ffb c dck ck dffb dck c
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d ckft dck fffb dlo b fft dckffb c ffb c c
 ck ffbckft ck ck ffb c ffbh ck ck
 c ckft cckck c ck ckck dlo b fft dckffbck
 ffb ck ckft ck b c b ck ck ffb fft ck c
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d ckft dck fffb "b fft ffb fft ck ck dlo ffb
 dlo b fft dckffb ck ffb fffbck ck fffb c c ffbh dck
 b fft ffbck dckffbc dck c ck
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d ckft dck fffb ck ck dlo b fft ck ck ck
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d ckft dck fffb " b " fft ck fffbck ffb ck c
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d ckft dck fffb c " b ck " ck ffbck c d ffbck ffb
 ffbh ckft c ck dck fft d ffbck
 dck ck dffb dck c dck fft



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